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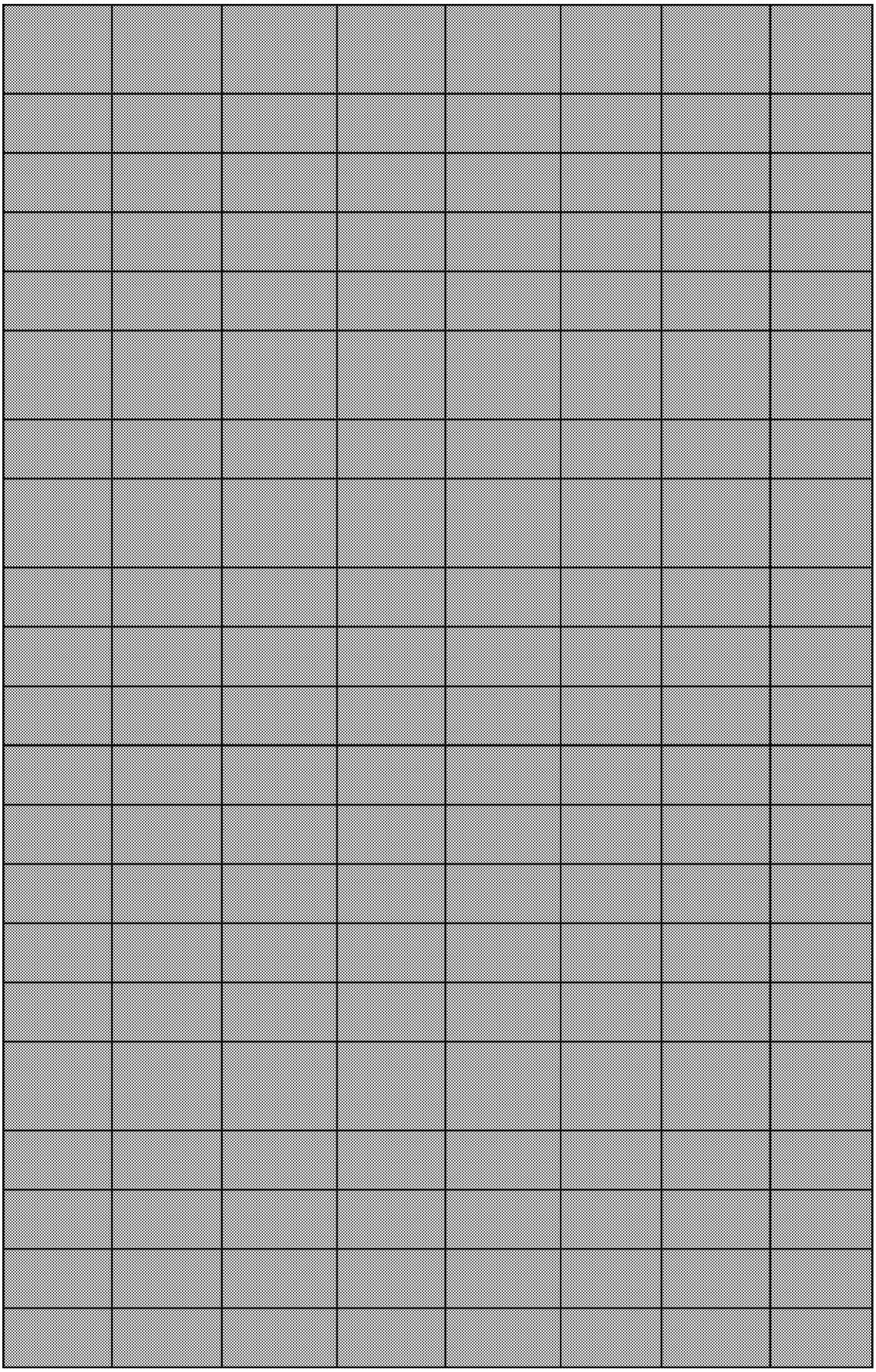

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1. 1. Radiolabelled paraquat (bis-N-(14C)methyl-4,4?-bipyridylium chloride) was administered intravenously to pregnant
The purpose of this study was the development of a new incubation system that can allow continuous exposure of lung t
A new, specific and sensitive high performance liquid chromatography analytical procedure was developed and validated
Slices from rat lungs actively accumulate both paraquat and putrescine, while endogenous polyamines inhibit the accum
ABSTRACT We induced severe left-sided lung fibrosis by the unilateral endobronchial instillation of paraquat (1.0 mg/kg)
Paraquat intoxication in its initiaal stage in characterized histologically in the lungs by atelectasis, hyaline membrane forr
Organophosphate pesticides are among the most widely used synthetic chemicals for controlling a wide variety of pests.
Changes of free proline content in Plectonema boryanum cells after cultivation at oxidative stress inducing conditions we
Calcium-binding proteins are present in the kidneys: calbindin D-28k in the distal tubules and calretinin in the proximal tu
The effects of paraquat (PQ)on the contents of putrescine (PUT), spermidine (SPD) and spermine (SPM) in the various tiss
Low doses of diquat cause massive liver necrosis and death of selenium-deficient rats within a few hours. Protection agai
This study was to determine if cellular glutathione peroxidase (GPX1) protects against acute oxidative stress induced by c
Recent studies have described lipid peroxidation to be an early and sensitive consequence of cadmium exposure, and fre
The effect of intraperitoneal administration of lethal dose (50 mg/kg) of paraquat on the microsomal cysteine levels in th
1. 1. Rat superoxide dismutase (SOD) prepared from the rat was not found by sedimentation in sucrose gradients or isole

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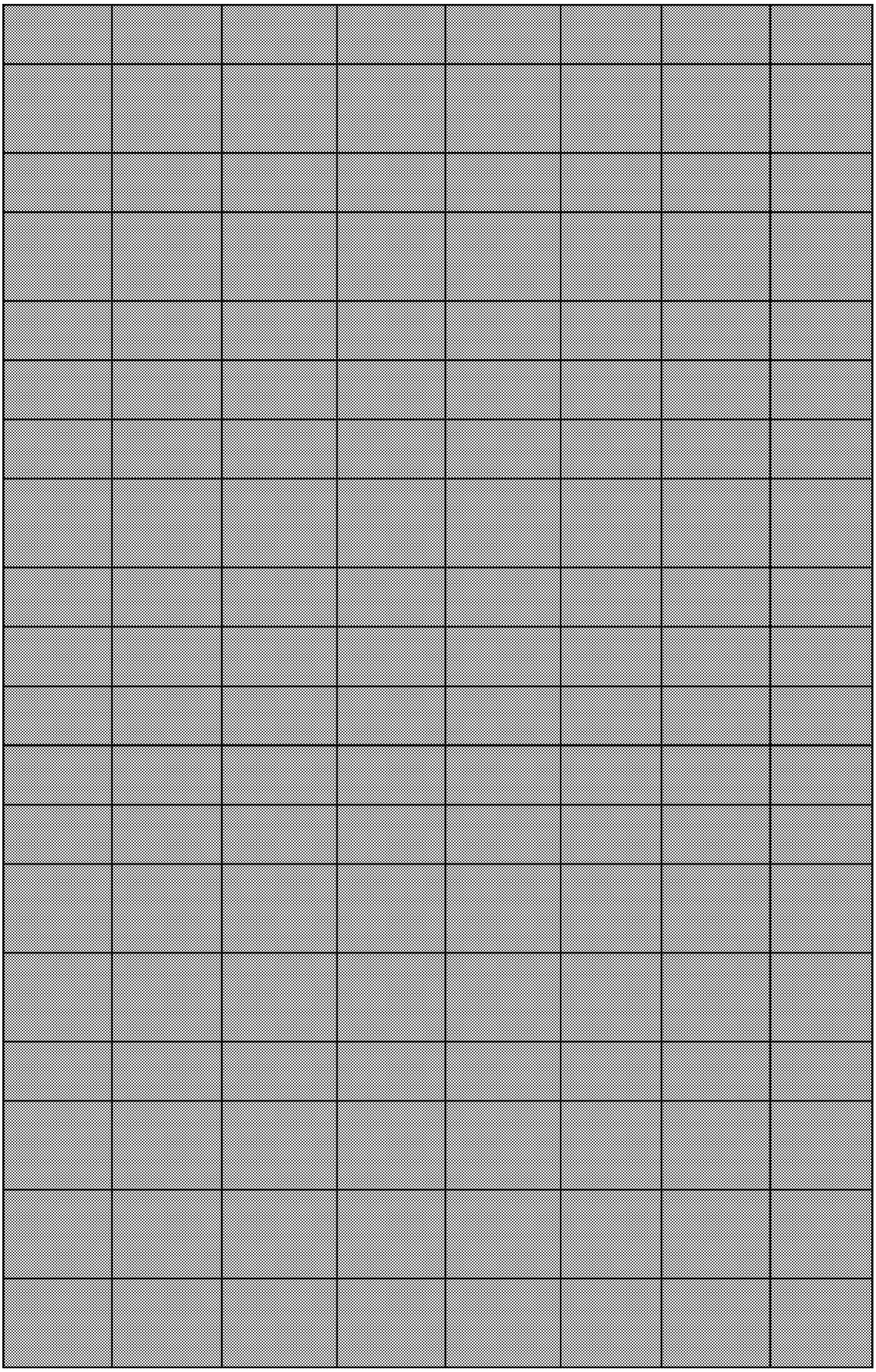

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When incubated with the rat lung slices [methyl-3H] paraquat was found to bind covalently to acid-insoluble proteins. Th
This study investigated the effect of the bark extract of Bathysa cuspidata on paraquat (PQ)-induced extra-pulmonary acu
The augmentative effects of several pesticides on histamine release from mast cells of rats that had been sensitized pass
The lung thiobarbituric acid-reactive substances (TBA-RS) content and the amount of ethane exhaled, two potential mark
Guinea pigs were subjected to dietary control of ascorbic acid intake to produce deficient, normal, and supplemented tis
The protective effect of bentonite (natural and synthetic) in oxidative stress induced by paraquat was studied on 32 adult
The most common cause of death from poisoning by the widely used, but highly toxic herbicide paraquat is respiratory fa
Interstitial lung disease encompasses a large group of chronic lung disorders associated with excessive tissue remodeling
The abilities of two experimental antioxidants (U-74006F and U-78517G), as well as the model antioxidant, diphenyl-p-ph
Background: The aim of this study were to investigate whether selenium treatment attenuates lipid peroxidation and dov
Background: Since phenolic compounds have been reported as effective antioxidants, this study was designed to assess t
This study was carried out to highlight the role of PPAR? in the paraquat (PQ)-induced pulmonary fibrosis. Forty-two mal
We have investigated the potential of adenosine uptake as a marker of chemically induced, cell-selective pulmonary inju
The bipyridyls, paraquat and diquat, cause mild renal tubular damage in the rat. A marked diuresis, albuminuria, glucosu
Putrescine and paraquat have been shown to accumulate in slices of mouse lung by a process which obeys saturation kin
Wheat bran had a protective effect against diquat toxicity in rats fed a purified diet (PD). We studied the effects of wheat
Drought brings about different biochemical responses in plants in order to minimize its deleterious effects. Drought indu
This work describes the alteration in the activities of a range of ROS-scavenging enzymes and nonenzymatic antioxidants

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